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Cmcew bearing holding member 75 screwed in the entrance of the hole 74. A manual operating knob 77 and a dust seal 78 are also provided.---

IN THE CLAIMS

Please amend Claims 3-5 as follows.

C8 3. (Twice Amended) A driving unit of a welding equipment provided with a force application shaft that is driven by a motor, comprising:

a screw shaft coaxially fixed with a rotary shaft of the motor;

a nut fixed with the force application shaft and threadably engaged with a screw of the screw shaft;

a stabilizing mechanism engaging the force application shaft to prevent rotation thereof;

whereby a rotary force output from the rotary shaft of the motor is converted into a reciprocating motion of the force application shaft which in turn applies a force to the welding equipment; and

wherein the screw shaft is integrally provided on the rotary shaft of the motor by boring a closed bore hole at an output side of the rotary shaft of the motor, and inserting one end of the screw shaft into the closed bore hole.

4. (Thrice Amended) A driving unit of a welding equipment provided with a force application shaft that is driven by a motor, comprising:

a screw shaft coaxially fixed with a rotary shaft of the motor;

a nut fixed with the force application shaft and threadably engaged with a screw of the screw shaft, an outer diameter of the nut being the same as or smaller than an outer diameter of the force application shaft;

a stabilizing mechanism engaging the force application shaft to prevent rotation thereof;

whereby a rotary force output from the rotary shaft of the motor is converted into a reciprocating motion of the force application shaft which in turn applies a force to the welding equipment, and

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wherein the screw shaft is integrally provided on the rotary shaft by rendering the rotary shaft of the motor hollow to form a hollow portion and having the screw shaft penetrate the hollow portion to fix the screw shaft to the hollow portion.

5. (Twice Amended) A driving unit of a welding equipment provided with a force application shaft that is driven by a motor, comprising:

a screw shaft coaxially fixed with a rotary shaft of the motor, the screw shaft being integrally provided on the rotary shaft by fixing the screw shaft to the rotary shaft utilizing a friction force;

a nut fixed with the force application shaft and threadably engaged with a screw of the screw shaft; and

a stabilizing mechanism engaging the force application shaft to prevent rotation thereof,

wherein a rotary force output from the rotary shaft of the motor is converted into a reciprocating motion of the force application shaft which in turn applies a force to the welding equipment.

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REMARKS

Applicant appreciates the allowance of Claims 12-15 and 20.

In the Office Action, the objection to the disclosure because of informalities on pages 8, 9, 11 and 12 of the specification has been considered. The specification has been amended as suggested to place the specification in proper form. Further, other informalities have been addressed.

Claims 3-5 are rejected under 35 USC § 103 as unpatentable over Obara KK (JP 07-290251) in view of Fukaya (U.S. Patent No. 4 751 411). The arrangement of amended Claims 3-5 is believed distinguishable from the combination of Obara and Fukaya for the following reasons.

Obara discloses a C-shaped welding gun provided with a movable arm 8 that is driven by a rotor shaft 5 of a motor 1 having a nut 7 secured thereto. A screw 9 is provided with the movable arm 8 and is rotatably engaged with the nut 7. A turning stop mechanism 11 is provided on the pressure

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